

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 4268 46879C	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 2 below
International application No. PCT/IB03/00697	International filing date (day/month/year) 11 March 2003 (11.03.2003)	Earliest Priority Date (day/month/year) 26 March 2002 (26.03.2002)
Applicant NOKIA CORPORATION		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the Report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless it was indicated under this item:

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 13.1(b)).

b. With regard to any mark(s) and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Item 3).

3. ☐ Unity of invention is lacking (See Item 3).

4. With regard to the title:

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

CASE 04268-4687 PC ATTY. KR.
DATE November 17, 2003 COM to A

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5. With regard to the abstract:

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 35.2(b), by this Authority as it appears in Item 32. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

BY J. M.

6. The figure of the drawings to be published with the abstract is Figure No. 1

☐ as requested by the applicant.

☐ because the applicant failed to suggest a figure.

☒ because this figure better characterizes the invention.

☐ None of the figures

Form PCT/ISA/210 (last ed.) (July 1998)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US00/00697

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : H04B 7/00 US CL : 455/41.2 According to International Patent Classification (IPC) or its technological equivalents and IPC B. FIELD OF THE INVENTION		
Minimum documentation searched (classification system followed by classification symbols) US : 455/41.2, 41.1, 41.3, 517, 518, 519, 540/10.1, 10.4, 10.22		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST (BRI) key terms: RFID, biochips, interrogation		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document with indication, where appropriate, of the relevant passages	Relevance to claim No.
X, P	US 2003/0090647 A1 (CARATOFI et al.) 09 January 2003 (09.01.2003). See Figure 1-7, Paragraphs 0058-0070	1-7, 11, 13, 20, 22-24, 27-31, 35-43, 46, 51-67, 84-85, 88, 71
Y, P		5, 6, 14, 23, 25, 26, 34, 44, 45, 53, 69, 66, 67, 69, 70
Y, P	US 6,450,096 B1 (LAUPER et al.) 24 September 2002 (24.09.2002) see columns 3 lines 22-34, column 4 lines 39-51	5, 6, 14, 21, 25, 26, 34, 44
A	US 6,282,407 B1 (VEGA et al.) 28 August 2001 (28.08.2001). A&L	45, 53, 62, 66, 67, 69, 70
A	WO 01/49006 A2 (HUM et al.) 21 June 2001 (21.06.2001). A&L	1-71
A	US 6,104,333 A (WOOD, JR et al.) 15 August 2000 (15.08.2000). A&L	1-71
<input type="checkbox"/> Further documents are listed in the classification of Bins C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "X" Document affecting the prior art of the art which is not considered as the prior art reference "Y" A cited reference of patent published or not after the international filing date "A" Foreign patenting rights (patent) or other rights in the field of the invention "P" Document published prior to the international filing date but later than the priority date "N" Document published prior to the international filing date but later than the priority date	"X" Document published after the international filing date or priority date and not as matter of the application but the invention is disclosed by the prior art or the invention is disclosed by the prior art or the invention is disclosed by the prior art "Y" Document published after the international filing date or priority date and not as matter of the application but the invention is disclosed by the prior art or the invention is disclosed by the prior art or the invention is disclosed by the prior art "A" Document published after the international filing date or priority date and not as matter of the application but the invention is disclosed by the prior art or the invention is disclosed by the prior art or the invention is disclosed by the prior art "P" Document published prior to the international filing date but later than the priority date "N" Document published prior to the international filing date but later than the priority date	
Date of the actual completion of the international search		Date of mailing of the international search report
29 September 2002 (29.09.2002) Name and mailing address of the ISA/US Mail Stop PCT, n/a; Rm/10 "Communication" of the Patent P.O. Box 1430 Alexandria, Virginia 22304-4430 Telephone No. (703) 305-3230		17 OCT 2003 Authorized officer Lewis O. West Telephone No. 703-305-3230 <i>Burgis Zogor</i>

Form PCT/ISA/210 (to be filled in July 1999)

Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

The abstract features mentioned in the abstract do not include a reference sign between parentheses (PCT Rule 6.1(d)).

NEW ABSTRACT

An RF-ID base wireless terminal (102) has devoted session set-up and user identification time for conducting transactions with interactive service applications (118). The wireless terminal (102) includes a terminal identification number and a user identification number as an RF-ID tag (106). An RF-ID reader (110) transmits an RF field for detecting the RF-ID tag (106) to the terminal (102) and provides an output signal when the terminal is within the reader field. The output signal establishes a connection between the terminal (102) and an access point (104) or terminal which initiates a wireless paging operation, in lieu of conducting a terminal discovery process, based upon the location of the RF-ID tag (106). The terminal (102) initiates a wireless session between the terminal (102) and the access point (104) or terminal for conducting transactions with a service application (118) linked to the access point or terminal.